

Manhole Inspection Summary

Manhole # S61Q__004MH

Printed On: 9/17/2009

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Inspection ☐ Is Incomplete Rating: **4) Poor**

Record Plat: **61Q** Node: **004** Status: **Found**

Insp Date: **12/17/08 11:34 AM**

Incomplete Comments

Crew: **DJ, BR, TS**
Inspector: **BradRoberts**
Firm: **RJN**

Location Address: **4900 S. Ponca St.** Cross Street: **1200 Boston St.**

Manhole Type: **Junction** Location: **Light Highway** Ground Conditions: **Wet**
☐ Prev. Rehab Weather: **Dry** Subject To Ponding: **Ponding**

Comments **HIGH TRAFFIC IN THE MIDDLE OF AN 4 WAY INTERSECTION. wall, mortar, joints, bricks falling in to manhole**

Cover Shape: **Circular** Diameter: **30** (in.) Length: (in.) Dist A/B Grade: **-0.5** (in.)
Type: **Sanitary** Condition: **Sound** Cover Material: **Cast Iron**
Properties: ☐ Bolted ☒ Vented ☐ Water Tight ☐ Water Tight Insert

Frame Offset: **0** (in.) Condition: ☐ Sound ☐ Cracked ☒ **Leaks**

Chimney / Frame Adjustment ☒ Exists Material: **Brick** ☐ Parged Height: **36** (in.)
Condition: ☐ Sound ☒ **Cracked** ☐ Root Intrusion ☒ **Loose Brick** ☒ **Deteriorated**
Infiltration: ☐ None ☒ **Joint** ☒ **Cracks** ☒ **Mortar** ☐ Roots ☒ **Wall**

Corbel Material: **Brick** ☐ Parged Type: **Concentric/Eccentric**
Condition: ☐ Sound ☒ **Cracked** ☐ Root Intrusion ☒ **Loose Brick** ☒ **Deteriorated**
Infiltration: ☐ None ☒ **Joint** ☒ **Cracks** ☒ **Mortar** ☐ Roots ☒ **Wall**

Barrel Material: **Brick** ☐ Parged
Shape: **Circular** Diameter: **48** (in.) Length: (in.)
Condition: ☐ Sound ☒ **Cracked** ☐ Root Intrusion ☒ **Loose Brick** ☒ **Deteriorated**
Infiltration: ☐ None ☒ **Joint** ☒ **Cracks** ☒ **Mortar** ☐ Roots ☒ **Wall**

Bench ☒ Exists Material: **Brick** ☐ Parged
Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Channel Material: **Brick** ☐ Parged
Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth:
Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Steps Count: **5** Missing: **0** ☒ **Corroded**

Surcharge ☒ **Evidence Of Surcharge** Depth: **2** (ft.) ☐ Active Surcharge Present

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Location View



Top View



Defect 2



missing bricks in chimney

Defect 3



wall, mortar, joints, bricks falling in.

Defect 6



wall crack

Defect 1



Debris in channel of I3

Defect 4



missing mortar

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10 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: **10.8** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** ☐ Pipe Lined
Invert Depth: **11.67** (ft.) Flow Characteristics: **Slow**
Deposits: ☐ None ☐ Mud ☒ Sludge ☒ Debris ☐ Grease
Silt Depth: **0.5** (in.) Deposits Extent: **Medium**
Infiltration: **Evidence** Pipe Seal Cond: **Cracked**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

10 in. Circular Gravity Sewer
Pipe In @ 3 O'Clock

3 O'Clock Inflow



Pipe Height: **10.8** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** ☐ Pipe Lined
Invert Depth: **11.33** (ft.) Flow Characteristics: **Slow**
Deposits: ☐ None ☐ Mud ☒ Sludge ☒ Debris ☒ Grease
Silt Depth: **6** (in.) Deposits Extent: **Heavy**
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Dead End**

☐ Possible Illicit Connection

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10 in. Circular Gravity Sewer

6 O'Clock Inflow

Pipe In @ 6 O'Clock

Drop In @ 6 O'Clock



Pipe Height: **10.8** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **9.67** (ft.) Flow Characteristics: **Fast**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **Inside**

Rod and Bar

Angled: **Yes**

Reading: **10.00** (ft.)

Inv Depth: **11.00** (ft.)

Drop Condition: **Open**

Connects To: **Manhole**

☐ Possible Illicit Connection